

## **REMOVABLE DATA STORAGE DEVICE HAVING FILE USAGE SYSTEM AND METHOD**

### **ABSTRACT**

A removable data storage device is provided that is used with electronic devices using compact data storage capabilities. The removable data storage device includes memory for storing data files and a file management information that includes memory allocation information of the memory. A scan logic is provided that analyzes the file management information and generates file usage data of the memory. With the present invention, a removable data storage device can self-analyze its memory contents and determine, for example, types of files and memory space consumed by each file type in the memory.